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Ritter®

Installation and Operation Manual

117-003 Podiatry Chair

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Owner's Product Identification

(information that you'll need to provide for servicing - key information is highlighted)

Date of Purchase

Serial Number

Model Number

Name of Owner/Facility/Department

Name of Authorized Ritter Dealer

Telephone # of Authorized Ritter Dealer

Address of Authorized Ritter Dealer

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SCOPE AND PURPOSE OF THIS MANUAL

This manual covers instructions for the operation of the Ritter 117-003 Podiatry Chair and is intended to be used by any medical personnel responsible for operating the Podiatry Chair during a medical procedure or performing operator level maintenance.

Explanation of Terms

The word "table" will be synonymous with the word "chair."

SAFETY INSTRUCTIONS

To assure safer and more reliable operation, do the following: read this manual before operating your equipment; assure that appropriate personnel are informed on the contents of this manual–this is the responsibility of the purchaser; be sure that you understand the instructions contained in this manual before attempting to operate this equipment; and keep this manual permanently affixed to this equipment.

Explanation of Safety Symbols and Notes

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

EQUIPMENT ALERT

Indicates an imminently or potentially hazardous situation which, if not avoided, will or may result in serious, moderate, or minor equipment damage.

NOTE

Note is used to amplify an operating procedure, practice, or condition.

INSTALLATION

Unpacking

EQUIPMENT ALERT

To avoid damaging the table's upholstered top or side panels, do not use a knife or other sharp object to open the packaging when unpacking.

EQUIPMENT ALERT

To avoid damaging the table's arms, do not lift the table by the arms.

Unbolt the table from the wooden shipping skid by removing four bolts (1, Figure 1) on the underside of the base, one at each corner. After unbolting, remove the table from the skid, lifting at points "2" and "3" in Figure 1. Lift the table from the back weldment and NOT the arms.

Leveling

A leveling screw pad is located under each corner of the table base. By adjusting these pads in or out, a level, solid, installation can be achieved on uneven floors.

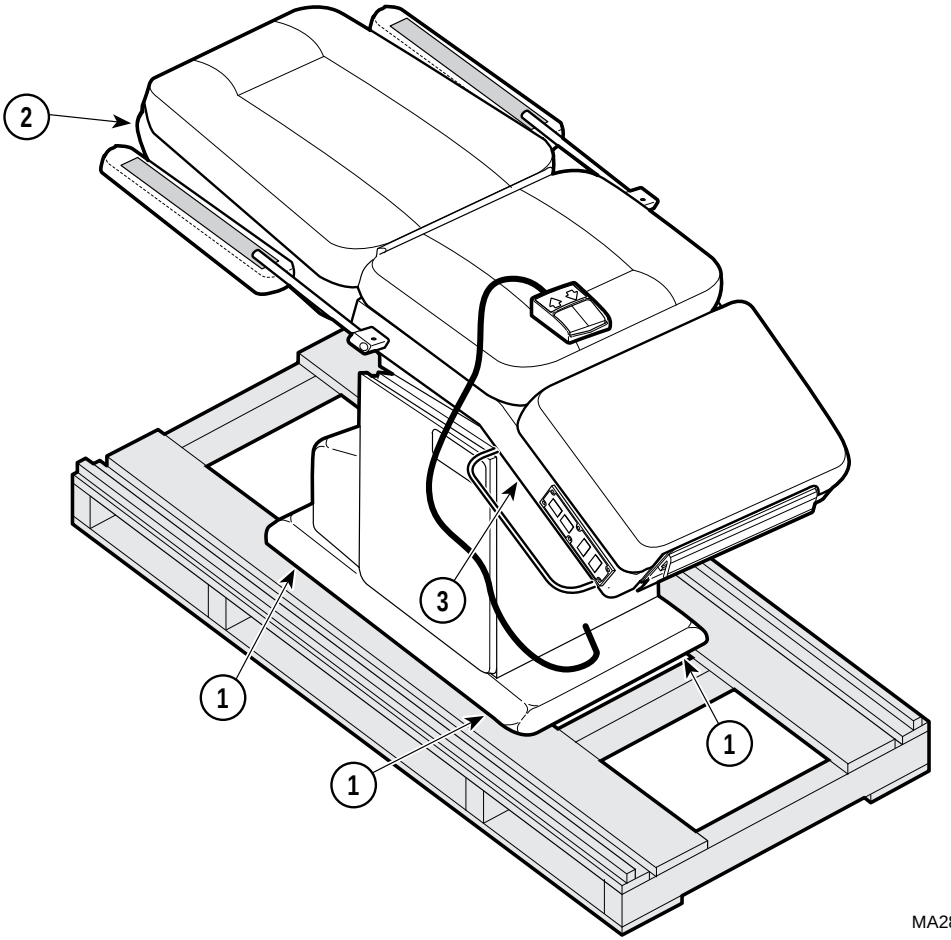

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FIGURE 1

Installing Headrest Section

Remove headrest section from shipping package. Raise table back to vertical position. Install supplied knob (1, Figure 2) through hole in upper back of table. Insert bar (2, Figure 2) through opening at end of back cover. Slide bar to desired height and then tighten knob to secure in position.

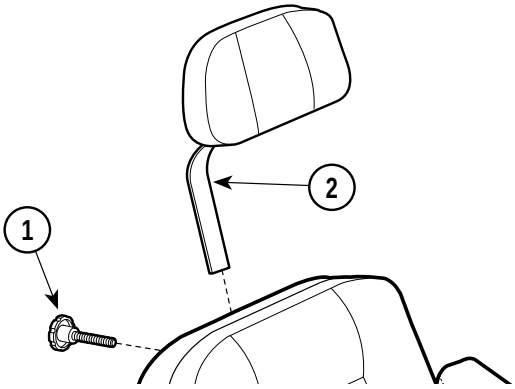

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FIGURE 2

Electrical

WARNING

All exposed metal parts of the table are electrically grounded. When performing a cauterization or similar treatment, the patient must be insulated from the metal portions of the table by nonconductive material. Failure to do this could result in electrical shock or burns to the patient.

WARNING

Use 115 V, 60 Hz, alternating current only. Failure to do so could result in personal injury.

The electrical rating for the Ritter Model #117-003 table is 115 VAC, 60 HZ, 8A. The three-pronged grounding plug on the table power cord must be inserted into a matching three-pronged, grounded, non-isolated, correctly polarized 115 V receptacle. The single table power cord provides power for the electric-hydraulic power unit.

FEATURES

Table Adjustment

The Ritter 117-003 Podiatry Chair has an adjustable, padded headrest, an adjustable foot extension with a removable vinyl cover, and an extra deep stainless steel debris tray. The table's moveable table arms adjust with tilt and can lock and unlock.

The Ritter 117 operates from either the left or right side with push button hand controls for power tilt, power back, auto return, and emergency stop. A moveable foot control pedal lets you raise or lower the table from either side.

The height of the table, the angle of the table top, and the upper section of the table top are easily adjusted by the use of an electric-hydraulic power unit. Height of the table can be adjusted from 26 inches to 42 inches. The angle of the table top tilt may be varied from horizontal to 27 degrees and the upper portion (back section) of the table top can be adjusted from horizontal to 85 degrees.

The combination of these three motions enables the Model 117 to meet the requirements of most podiatry examinations and treatments along with the flexibility to be tailored to meet the individual podiatrist's requirements.

COMPONENT OVERVIEW

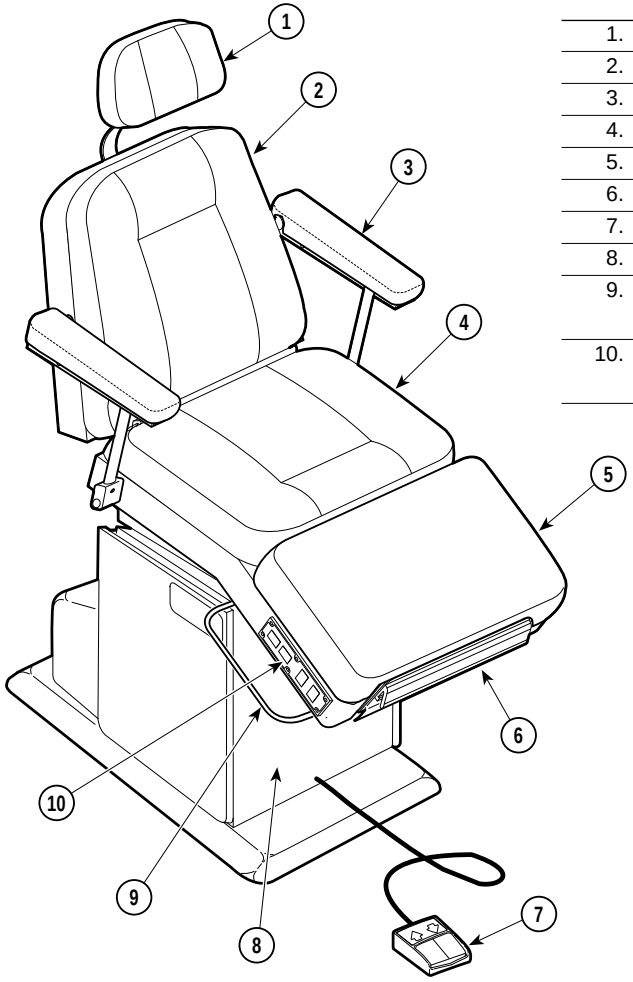

FIGURE 3

1.	Headrest Section
2.	Back Section
3.	Arm Section (retractable)
4.	Seat Section
5.	Foot Section
6.	Stainless Steel Pan
7.	Foot Switch
8.	Base Assembly
9.	Adjustment Handle (right side shown)
10.	Hand Switches (right side shown)

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OPERATION AND CONTROLS

WARNING

Do not use this table in an explosive or oxygen-rich atmosphere. To do so could result in severe personal injury or death.

WARNING

If the table malfunctions, immediately remove your foot from the foot switch or your hand from the hand switch. Unplug the power cord from the wall receptacle and assist the patient from the table.

WARNING

EQUIPMENT ALERT

Keep foreign objects away from the foot switch so that the pedal is not accidentally activated. Failure to do so could result in personal injury or equipment damage.

WARNING

Be sure that all persons and equipment are clear of the table before activating the auto return. Failure to do so could result in personal injury.

CAUTION

Do not run OPPOSITE motions of two functions simultaneously (i.e. "BACK DOWN and BASE UP"). This could result in unexpected or undesirable table movement. If such motion does occur, immediately remove your foot from the foot switch and/or your hand from the hand switches. Resume positioning of the table by energizing one function at a time or by energizing two functions in the same direction (i.e. "BACK UP" and BASE UP").

NOTE
Do not hold the control devices (the foot switch or hand switches) down after the table has reached the extreme low or extreme high position. To do so will overheat the motor and cause the unit to be inoperable until it cools down.

NOTE
The controls were not intended to be used continuously. To do so will cause the overload switch to shut the unit down. The overload switch in the motor resets after approximately 10 minutes.

Foot Switch

The foot switch controls the height of the table. Place your foot onto the foot switch and rock your foot side to side to position the table. Press firmly on the pedal marked by an upward pointing arrow (1, Figure 4) to raise the table up. Press firmly on the pedal marked by a downward pointing arrow (2, Figure 4) to lower the table.

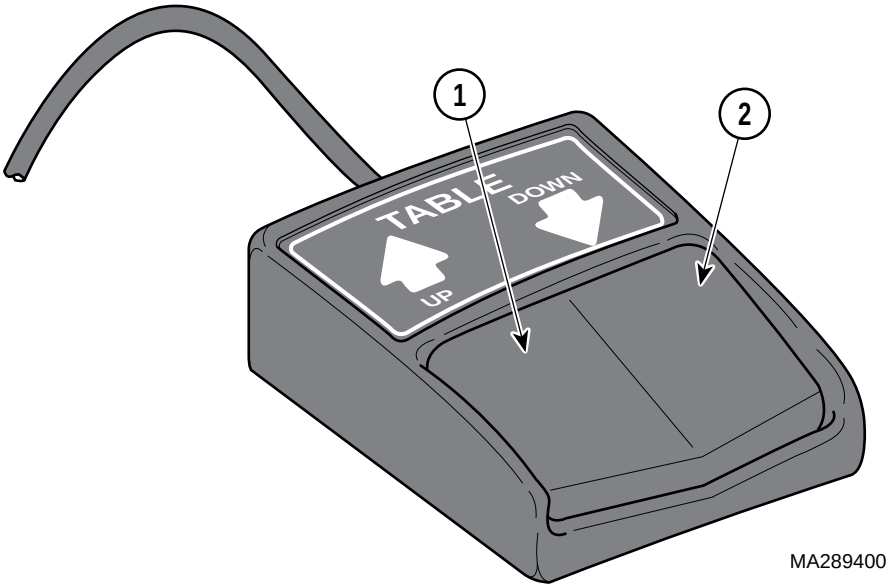

FIGURE 4

Hand Switches

BACK - UP and DOWN

To raise the back portion (back section) of the table top from horizontal to chair position, press the top of one of the hand switches marked "BACK" - "UP" and hold it until the desired position is obtained or the chair position is obtained (see Figure 5).

To lower the upper portion of the table top (back section), press the bottom of one of the hand switches marked "BACK" - "DOWN" and hold in until the desired position is obtained or the minimum position is achieved.

TILT - UP and DOWN

To tilt the table top, press the top part of one of the hand switches marked "TILT" - "UP" and hold in until the desired degree of tilt is obtained or the maximum tilt is reached.

To bring the table top back to the horizontal position, press the lower part of one of the hand switches marked "TILT" - "DOWN" and hold in until the desired position is obtained or the horizontal position is achieved.

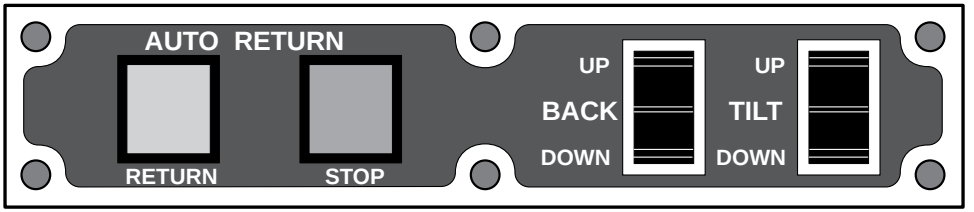

FIGURE 5

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CAUTION **EQUIPMENT ALERT**

To avoid injuries, be sure people and equipment are clear of the table before actuating auto return or equipment damage.

Automatic Return Button

The AUTO RETURN will lower the table tilt to its lowest position and then lower the table height to its lowest position with a momentary touch of a button. To actuate the AUTO RETURN, press either one of the two AUTO RETURN buttons located on both sides of the table underneath the upholstered foot section and the table tilt and height will return to its lowest position (see Figure 5).

STOP Button

If for any reason AUTO RETURN must be stopped, press one of the two red buttons marked "STOP" located adjacent to both of the AUTO RETURN buttons on the sides of the table under the upholstered foot section (see Figure 5).

Pull-Knob on Retractable Arms

To raise table arms for easier access to table, pull out knob (1, Figure 6) lift end of arm (2, Figure 6) and raise up. To lock arms in the lowest position, allow knobs to spring back to retracted position after arms are lowered to the lowest position.

NOTE
Arms can't be locked in the up position.

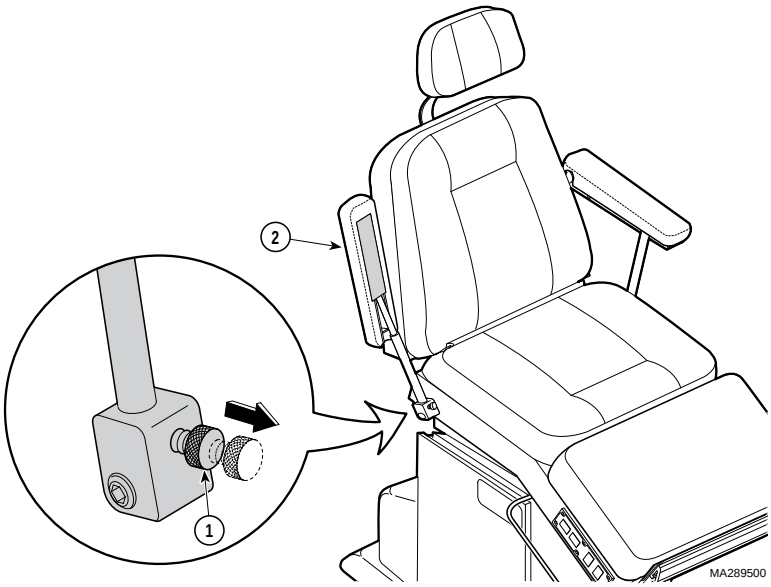

FIGURE 6

Foot Section Adjustment Handle

To adjust the position of the upholstered foot section from patient's right hand side, press the right adjustment handle (1, Figure 7) downward and pull foot section out until desired position is reached. Release handle to lock foot section in place. To return upholstered foot section to original position, press handle and push foot section in. Release handle to lock in position.

To adjust position of upholstered foot section from patient's left hand side, raise the left adjustment handle (2, Figure 7) upward and position as desired. Release handle to lock in position.

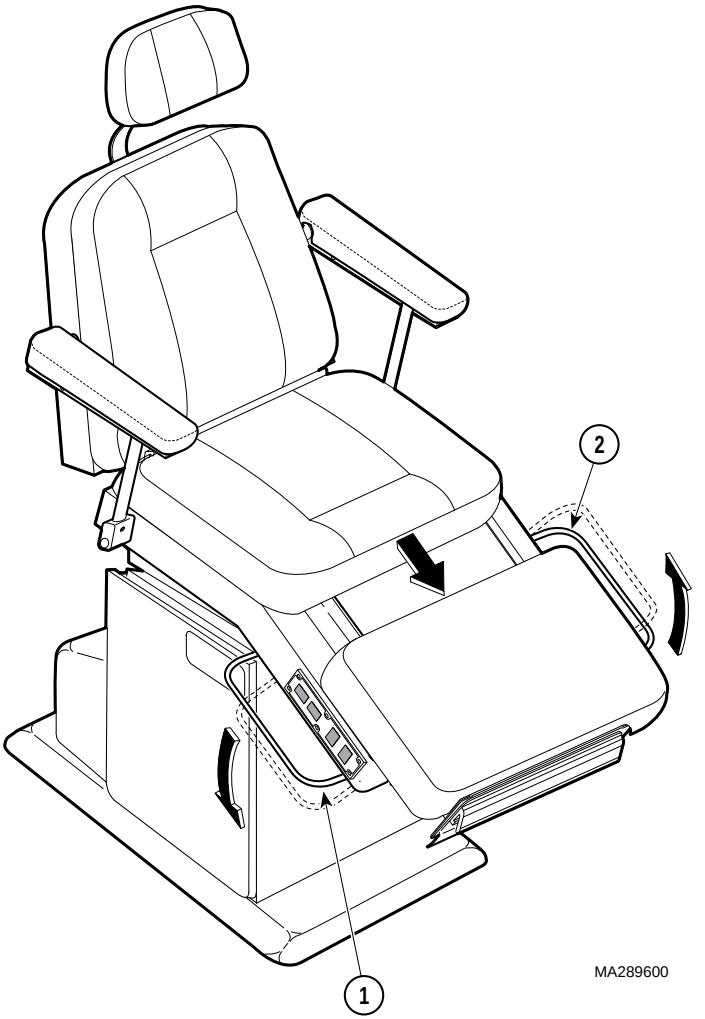

FIGURE 7

Stainless Steel Pan

A stainless steel pan (1, Figure 8) is located in the end of the foot section (2, Figure 8). To extend the pan from the table, pull outward on the pan assembly handle (3, Figure 8). The pan will lock in the fully extended position. To return the pan assembly to its original position, push the pan assembly in. The pan assembly will lock when pushed in. To remove the pan for cleaning, pull the pan assembly out, lift up the front of the pan and pull it out.

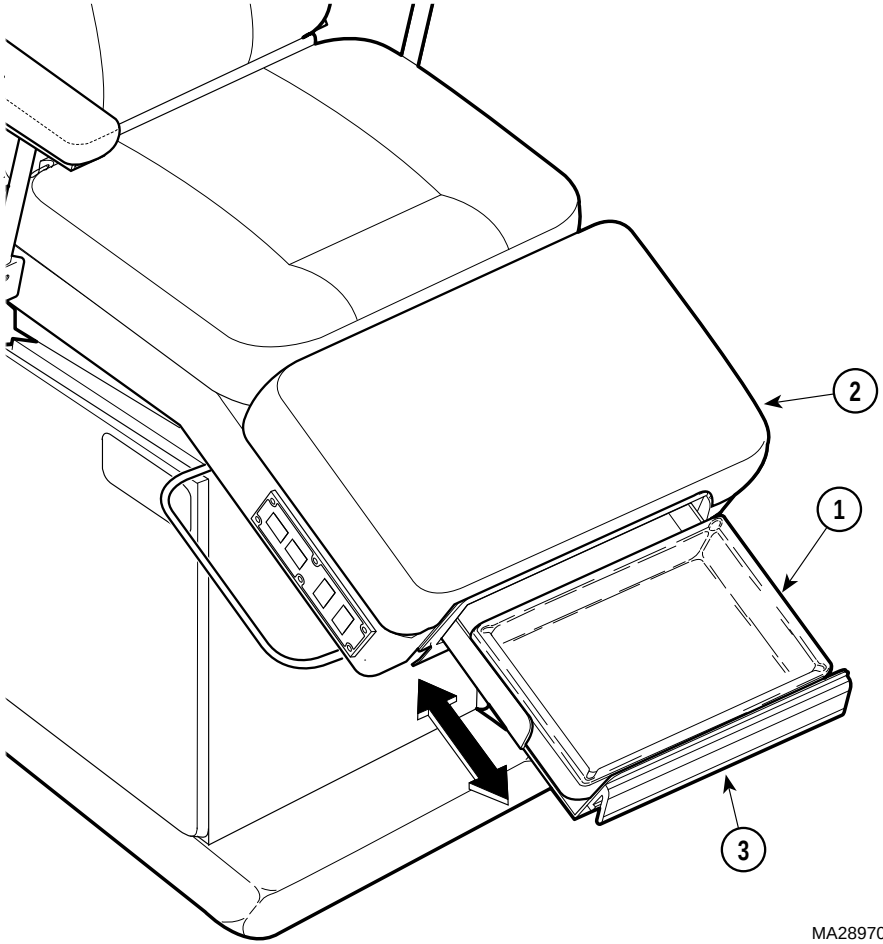

FIGURE 8

PREVENTIVE MAINTENANCE

Power System Maintenance

CAUTION

EQUIPMENT ALERT

Failure to perform periodic inspections could result in personal injury or equipment damage.

The motor, pump, and reservoir of the power system are enclosed in a sound deadened housing located on the base plate.

Little routine maintenance is required other than a periodic inspection of hydraulic hose lines and electrical cords to make sure they are free of cuts or damage and clear of moving parts. We recommend that you have your dealer make inspections of this equipment every six months.

CLEANING AND DISINFECTING

Cleaning Procedures

Upholstery

The upholstery material that covers the top of the table is resistant to most medicinal-types stains, but may be damaged by solvents and dyes. Regular care should be maintained by daily wiping with a damp cloth or sponge and periodic cleaning with a mild soap and water solution.

In case of stain, remove it with soap and water

If the area between the upholstering and metal frame should become soiled lift the upholstery from the frame. It is secured with velcro straps which require no special tools for removal.

Any fluid spilled on the upholstery or plastic cover should be removed immediately.

Painted Metal Surfaces

Wipe all painted metal surfaces with a clean cloth at least once a week. Use paste wax to preserve the surface luster.

Unpainted Metal Surfaces

Wipe all unpainted metal surfaces with a clean cloth. Use petroleum jelly or other white lubricants on moving parts such as slides and handle assembly. Lubrication will allow free movement of sliding parts and reduce noise.

Side Panels

Wipe side panels with clean cloth and use paste wax periodically to preserve surface luster.

Moving Parts

Oil moving parts such as the tilt pivot pins and back hinge occasionally with light machine oil to ensure quiet dependable operation.

CALLING FOR SERVICE

If you are having a problem or have a question, refer to the inside front cover of this manual and call your dealer. Make sure that you have information highlighted on the inside front cover available. If you can't resolve your question or problem with your dealer call the following number:

1-800-Midmark (1-800-643-6275);

8:00 AM until 5:00 PM (Eastern Standard time in the U.S.);

Monday thru Friday, except for standard U.S. holidays.

SPECIFICATIONS

Debris pan: ..... 12 x 9 1/2 x 2 1/2 inches
4.7 x 3.7 x .98 cm

Tilt - foot section: ..... 55 inches high; 21.6 cm high

Tilt - back section: ..... 0 - 85 degrees

Tilt - table top: ..... 0 - 27 degrees

Height - table top: ..... 26 inches to 42 inches

Electrical range requirement: 115 (126 maximum, 110 minimum) VAC.
60 Hz, 8 A

Foot controls: ..... 2-function foot control: base up and down

Hand controls: ..... Power tilt, power back, automatic return, and emergency stop on both sides of the foot section

Weight of table: ..... 392 lb (177.8 Kg)

Weight that table can hold: ... 300 lb (136.1 Kg)

LIMITED WARRANTY

SCOPE OF WARRANTY

Midmark Corporation ("Midmark") warrants to the original purchaser its new Alternate Care products and components (except for components not warranted under "Exclusions") manufactured by Midmark to be free from defects in material and workmanship under normal use and service. Midmark's obligation under this warranty is limited to the repair or replacement, at Midmark's option, of the parts or the products the defects of which are reported to Midmark within the applicable warranty period and which, upon examination by Midmark, prove to be defective.

APPLICABLE WARRANTY PERIOD

The applicable warranty period, measured from the date of delivery to the original user, shall be one (1) year for all warranted products and components.

EXCLUSIONS

This warranty does not cover and Midmark shall not be liable for the following: (1) repairs and replacements because of misuse, abuse, negligence, alteration, accident, freight damage, or tampering; (2) products which are not installed, used, and properly cleaned as required in the Midmark "Installation" and or "Installation / Operation Manual for this applicable product. (3) products considered to be of a consumable nature; (4) accessories or parts not manufactured by Midmark; (5) charges by anyone for adjustments, repairs, replacement parts, installation, or other work performed upon or in connection with such products which is not expressly authorized in writing in advance by Midmark.

EXCLUSIVE REMEDY

Midmark's only obligation under this warranty is the repair or replacement of defective parts. Midmark shall not be liable for any direct, special, indirect, incidental, exemplary, or consequential damages or delay, including, but not limited to, damages for loss of profits or loss of use.

NO AUTHORIZATION

No person or firm is authorized to create for Midmark any other obligation or liability in connection with the products.

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